

Global Sulfide-Based Solid State Battery Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/GC12C2436D9CEN.html>

Date: July 2024

Pages: 90

Price: US\$ 3,660.00 (Single User License)

ID: GC12C2436D9CEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The key component of sulfide-based solid-state batteries is the solid electrolyte, which is typically composed of sulfide-based materials such as lithium sulfide (Li₂S), sodium sulfide (Na₂S), or thio-LISICON (lithium superionic conductor). These solid electrolytes facilitate the conduction of lithium ions between the cathode and anode, enabling energy storage without the need for a liquid electrolyte.

The global Sulfide-Based Solid State Battery market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LPI (LP Information)' newest research report, the "Sulfide-Based Solid State Battery Industry Forecast" looks at past sales and reviews total world Sulfide-Based Solid State Battery sales in 2022, providing a comprehensive analysis by region and market sector of projected Sulfide-Based Solid State Battery sales for 2023 through 2029. With Sulfide-Based Solid State Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Sulfide-Based Solid State Battery industry.

This Insight Report provides a comprehensive analysis of the global Sulfide-Based Solid State Battery landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Sulfide-Based Solid State Battery portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique

position in an accelerating global Sulfide-Based Solid State Battery market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Sulfide-Based Solid State Battery and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Sulfide-Based Solid State Battery.

United States market for Sulfide-Based Solid State Battery is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Sulfide-Based Solid State Battery is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Sulfide-Based Solid State Battery is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Sulfide-Based Solid State Battery players cover Solid Power, Svolt, Samsung SDI, SK On, LG, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Sulfide-Based Solid State Battery market by product type, application, key players and key regions and countries.

Segmentation by Type:

All Solid State Battery

Semi-Solid Battery

Segmentation by Application:

Automotive

Consumer Electronics

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Segmentation by Type:

All Solid State Battery

Semi-Solid Battery

Segmentation by Application:

Automotive

Consumer Electronics

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Solid Power

Svolt

Samsung SDI

SK On

LG

Idemitsu(Toyota)

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Sulfide-Based Solid State Battery Market Size 2025-2030
 - 2.1.2 Sulfide-Based Solid State Battery Market Size CAGR by Region
- 2.2 Sulfide-Based Solid State Battery Segment by Type
 - 2.2.1 All Solid State Battery
 - 2.2.2 Semi-Solid Battery
- 2.3 Sulfide-Based Solid State Battery Market Size by Type
 - 2.3.1 Global Sulfide-Based Solid State Battery Market Size Market Share by Type (2025-2030)
 - 2.3.2 Global Sulfide-Based Solid State Battery Market Size Growth Rate by Type (2025-2030)
- 2.4 Sulfide-Based Solid State Battery Segment by Application
 - 2.4.1 Automotive
 - 2.4.2 Consumer Electronics
 - 2.4.3 Others
- 2.5 Sulfide-Based Solid State Battery Market Size by Application (2025-2030)
 - 2.5.1 Global Sulfide-Based Solid State Battery Market Size Market Share by Application (2025-2030)
 - 2.5.2 Global Sulfide-Based Solid State Battery Market Size Growth Rate by Application (2025-2030)

3 SULFIDE-BASED SOLID STATE BATTERY KEY PLAYERS

- 3.1 Date of Key Players Enter into Sulfide-Based Solid State Battery
- 3.2 Key Players Sulfide-Based Solid State Battery Product Offered

- 3.3 Key Players Sulfide-Based Solid State Battery Funding/Investment Analysis
- 3.4 Funding/Investment
 - 3.4.1 Funding/Investment by Regions
 - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players Sulfide-Based Solid State Battery Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

4 SULFIDE-BASED SOLID STATE BATTERY BY REGIONS

- 4.1 Sulfide-Based Solid State Battery Market Size by Regions (2025-2030)
- 4.2 United States Sulfide-Based Solid State Battery Market Size Growth (2025-2030)
- 4.3 China Sulfide-Based Solid State Battery Market Size Growth (2025-2030)
- 4.4 Europe Sulfide-Based Solid State Battery Market Size Growth (2025-2030)
- 4.5 Rest of World Sulfide-Based Solid State Battery Market Size Growth (2025-2030)

5 UNITED STATES

- 5.1 United States Sulfide-Based Solid State Battery Market Size by Type (2025-2030)
- 5.2 United States Sulfide-Based Solid State Battery Market Size by Application (2025-2030)

6 EUROPE

- 6.1 Europe Sulfide-Based Solid State Battery Market Size by Type (2025-2030)
- 6.2 Europe Sulfide-Based Solid State Battery Market Size by Application (2025-2030)

7 CHINA

- 7.1 China Sulfide-Based Solid State Battery Market Size by Type (2025-2030)
- 7.2 China Sulfide-Based Solid State Battery Market Size by Application (2025-2030)

8 REST OF WORLD

- 8.1 Rest of World Sulfide-Based Solid State Battery Market Size by Type (2025-2030)
- 8.2 Rest of World Sulfide-Based Solid State Battery Market Size by Application

(2025-2030)

8.3 Japan

8.4 South Korea

8.5 Southeast Asia

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 KEY INVESTORS IN SULFIDE-BASED SOLID STATE BATTERY

10.1 Company A

10.1.1 Company A Company Details

10.1.2 Company Description

10.1.3 Companies Invested by Company A

10.1.4 Company A Key Development and Market Layout

10.2 Company B

10.2.1 Company B Company Details

10.2.2 Company Description

10.2.3 Companies Invested by Company B

10.2.4 Company B Key Development and Market Layout

10.3 Company C

10.3.1 Company C Company Details

10.3.2 Company Description

10.3.3 Companies Invested by Company C

10.3.4 Company C Key Development and Market Layout

10.4 Company D

10.5

11 KEY PLAYERS ANALYSIS

11.1 Solid Power

11.1.1 Solid Power Company Details

11.1.2 Solid Power Sulfide-Based Solid State Battery Product Offered

11.1.3 Solid Power Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

11.1.4 Solid Power Main Business Overview

11.1.5 Solid Power News

11.2 Svolt

11.2.1 Svolt Company Details

11.2.2 Svolt Sulfide-Based Solid State Battery Product Offered

11.2.3 Svolt Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

11.2.4 Svolt Main Business Overview

11.2.5 Svolt News

11.3 Samsung SDI

11.3.1 Samsung SDI Company Details

11.3.2 Samsung SDI Sulfide-Based Solid State Battery Product Offered

11.3.3 Samsung SDI Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

11.3.4 Samsung SDI Main Business Overview

11.3.5 Samsung SDI News

11.4 SK On

11.4.1 SK On Company Details

11.4.2 SK On Sulfide-Based Solid State Battery Product Offered

11.4.3 SK On Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

11.4.4 SK On Main Business Overview

11.4.5 SK On News

11.5 LG

11.5.1 LG Company Details

11.5.2 LG Sulfide-Based Solid State Battery Product Offered

11.5.3 LG Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

11.5.4 LG Main Business Overview

11.5.5 LG News

11.6 Idemitsu(Toyota)

11.6.1 Idemitsu(Toyota) Company Details

11.6.2 Idemitsu(Toyota) Sulfide-Based Solid State Battery Product Offered

11.6.3 Idemitsu(Toyota) Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

11.6.4 Idemitsu(Toyota) Main Business Overview

11.6.5 Idemitsu(Toyota) News

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Sulfide-Based Solid State Battery Market Size CAGR by Region (2025-2030) (\$ millions)

Table 2. Major Players of All Solid State Battery

Table 3. Major Players of Semi-Solid Battery

Table 4. Global Market Size by Type (2025-2030) (\$ millions)

Table 5. Global Sulfide-Based Solid State Battery Market Size Market Share by Type (2025-2030)

Table 6. Global Sulfide-Based Solid State Battery Market Size by Application (2025-2030) (\$ millions)

Table 7. Global Sulfide-Based Solid State Battery Market Size Market Share by Application (2025-2030)

Table 8. Date of Global Key Players Enter into Sulfide-Based Solid State Battery Market

Table 9. Global Key Players Sulfide-Based Solid State Battery Product Offered

Table 10. Key Players Sulfide-Based Solid State Battery Funding/Investment (Million USD)

Table 11. Funding/Investment by Regions

Table 12. Funding/Investment by End-Industry

Table 13. Key Players Sulfide-Based Solid State Battery Valuation & Market Capitalization (Million USD)

Table 14. Key Players Mergers & Acquisitions, Expansion Plans

Table 15. Sulfide-Based Solid State Battery New Product/Technology Launches

Table 16. Sulfide-Based Solid State Battery Industry Partnerships, Agreements, and Collaborations

Table 17. Sulfide-Based Solid State Battery Industry Mergers and Acquisitions

Table 18. Global Sulfide-Based Solid State Battery Market Size by Regions 2025-2030 (\$ millions)

Table 19. Global Sulfide-Based Solid State Battery Market Size Market Share by Regions 2025-2030

Table 20. United States Sulfide-Based Solid State Battery Market Size by Type (2025-2030) (\$ millions)

Table 21. United States Sulfide-Based Solid State Battery Market Size Market Share by Type (2025-2030)

Table 22. United States Sulfide-Based Solid State Battery Market Size by Application (2025-2030) (\$ millions)

Table 23. United States Sulfide-Based Solid State Battery Market Size Market Share by

Application (2025-2030)

Table 24. Europe Sulfide-Based Solid State Battery Market Size by Type (2025-2030) (\$ millions)

Table 25. Europe Sulfide-Based Solid State Battery Market Size Market Share by Type (2025-2030)

Table 26. Europe Sulfide-Based Solid State Battery Market Size by Application (2025-2030) (\$ millions)

Table 27. Europe Sulfide-Based Solid State Battery Market Size Market Share by Application (2025-2030)

Table 28. China Sulfide-Based Solid State Battery Market Size by Type (2025-2030) (\$ millions)

Table 29. China Sulfide-Based Solid State Battery Market Size Market Share by Type (2025-2030)

Table 30. China Sulfide-Based Solid State Battery Market Size by Application (2025-2030) (\$ millions)

Table 31. China Sulfide-Based Solid State Battery Market Size Market Share by Application (2025-2030)

Table 32. Rest of World Sulfide-Based Solid State Battery Market Size by Type (2025-2030) (\$ millions)

Table 33. Rest of World Sulfide-Based Solid State Battery Market Size Market Share by Type (2025-2030)

Table 34. Rest of World Sulfide-Based Solid State Battery Market Size by Application (2025-2030) (\$ millions)

Table 35. Rest of World Sulfide-Based Solid State Battery Market Size Market Share by Application (2025-2030)

Table 36. Key Market Drivers & Growth Opportunities of Sulfide-Based Solid State Battery

Table 37. Key Market Challenges & Risks of Sulfide-Based Solid State Battery

Table 38. Key Industry Trends of Sulfide-Based Solid State Battery

Table 39. Company A Company Details

Table 40. Companies Invested by Company A

Table 41. Company A Key Development and Market Layout

Table 42. Company B Company Details

Table 43. Companies Invested by Company B

Table 44. Company B Key Development and Market Layout

Table 45. Company C Company Details

Table 46. Companies Invested by Company C

Table 47. Company C Key Development and Market Layout

Table 48. Solid Power Basic Information, Head Office, Major Market Areas and Its

Competitors

Table 49. Solid Power Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

Table 50. Svolt Basic Information, Head Office, Major Market Areas and Its Competitors

Table 51. Svolt Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

Table 52. Samsung SDI Basic Information, Head Office, Major Market Areas and Its Competitors

Table 53. Samsung SDI Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

Table 54. SK On Basic Information, Head Office, Major Market Areas and Its Competitors

Table 55. SK On Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

Table 56. LG Basic Information, Head Office, Major Market Areas and Its Competitors

Table 57. LG Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

Table 58. Idemitsu(Toyota) Basic Information, Head Office, Major Market Areas and Its Competitors

Table 59. Idemitsu(Toyota) Sulfide-Based Solid State Battery Market Size (2023 VS 2028)

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Sulfide-Based Solid State Battery
- Figure 2. Sulfide-Based Solid State Battery Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Sulfide-Based Solid State Battery Market Size Growth Rate 2025-2030 (\$ millions)
- Figure 7. Sulfide-Based Solid State Battery Market Size by Region (2024 & 2030) (\$ millions)
- Figure 8. Global Sulfide-Based Solid State Battery Market Size Market Share by Type (2025-2030)
- Figure 9. Global All Solid State Battery Market Size Growth Rate
- Figure 10. Global Semi-Solid Battery Market Size Growth Rate
- Figure 11. Sulfide-Based Solid State Battery in Automotive
- Figure 12. Global Sulfide-Based Solid State Battery Market: Automotive (2025-2030) (\$ millions)
- Figure 13. Sulfide-Based Solid State Battery in Consumer Electronics
- Figure 14. Global Sulfide-Based Solid State Battery Market: Consumer Electronics (2025-2030) (\$ millions)
- Figure 15. Sulfide-Based Solid State Battery in Others
- Figure 16. Global Sulfide-Based Solid State Battery Market: Others (2025-2030) (\$ millions)
- Figure 17. Global Sulfide-Based Solid State Battery Market Size Market Share by Application (2025-2030)
- Figure 18. Global Sulfide-Based Solid State Battery Market Size in Automotive Growth Rate
- Figure 19. Global Sulfide-Based Solid State Battery Market Size in Consumer Electronics Growth Rate
- Figure 20. Funding/Investment
- Figure 21. Global Sulfide-Based Solid State Battery Market Size Market Share by Regions 2025-2030
- Figure 22. United States Sulfide-Based Solid State Battery Market Size 2025-2030 (\$ millions)
- Figure 23. China Sulfide-Based Solid State Battery Market Size 2025-2030 (\$ millions)
- Figure 24. Europe Sulfide-Based Solid State Battery Market Size 2025-2030 (\$ millions)

Figure 25. Rest of World Sulfide-Based Solid State Battery Market Size 2025-2030 (\$ millions)

Figure 26. United States Sulfide-Based Solid State Battery Consumption Market Share by Type in 2028

Figure 27. United States Sulfide-Based Solid State Battery Market Size Market Share by Application in 2028

Figure 28. Europe Sulfide-Based Solid State Battery Consumption Market Share by Type in 2028

Figure 29. Europe Sulfide-Based Solid State Battery Market Size Market Share by Application in 2028

Figure 30. China Sulfide-Based Solid State Battery Consumption Market Share by Type in 2028

Figure 31. China Sulfide-Based Solid State Battery Market Size Market Share by Application in 2028

Figure 32. Rest of World Sulfide-Based Solid State Battery Consumption Market Share by Type in 2028

Figure 33. Rest of World Sulfide-Based Solid State Battery Market Size Market Share by Application in 2028

I would like to order

Product name: Global Sulfide-Based Solid State Battery Market Growth (Status and Outlook) 2024-2030

Product link: <https://marketpublishers.com/r/GC12C2436D9CEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC12C2436D9CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970